

For Research Use Only

PREPL Polyclonal antibody

Catalog Number: 12478-1-AP



Basic Information

Catalog Number: 12478-1-AP	GenBank Accession Number: BC013193	Purification Method: Antigen affinity purification
Concentration: 350 ug/ml	GeneID (NCBI): 9581	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q4J6C6	
Isotype: IgG	Full Name: prolyl endopeptidase-like	
Immunogen Catalog Number: AG3196	Calculated MW: 72 kDa Observed MW: 72 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, human brain tissue IHC : rat brain tissue, mouse brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

PREPL (Prolyl endopeptidase-like) is also named as KIAA0436 and belongs to the prolyl oligopeptidase subfamily of serine peptidases. IPREPL is a novel oligopeptidase with unique structural and functional characteristics (PMID:16385448). It has 4 isoforms produced by alternative splicing and can exist as a homodimer (PMID:16143824). Defects in PREPL are a cause of hypotonia-cystinuria syndrome (HCS).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

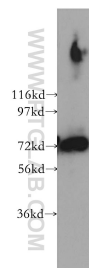
T: 4006900926

E: Proteintech-CN@ptglab.com

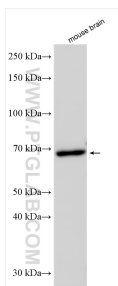
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

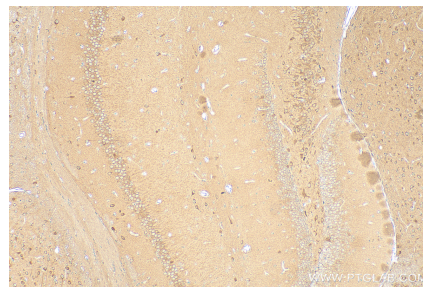
Selected Validation Data



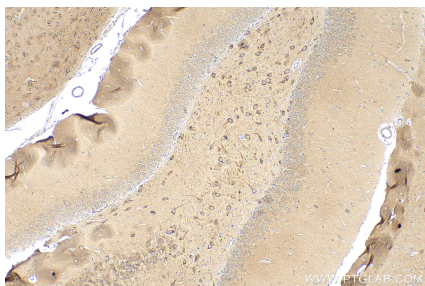
human brain tissue were subjected to SDS PAGE followed by western blot with 12478-1-AP (PREPL antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12478-1-AP (PREPL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12478-1-AP (PREPL antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 12478-1-AP (PREPL antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).